

# John Sumner

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## Summary

Full Stack Engineer with 7+ years of experience developing web applications using React, TypeScript and Node.js. Strong background in A/B testing, agile development, and building design systems. Expertly integrated APIs across the stack, consistently delivering high-quality code and system design in cross-functional teams.

## Experience

### ATG Entertainment - Software Engineer (Full-Stack)

August 2021 - August 2025

- Launched a digital ticketing solution with Apple Wallet integration, achieving a customer satisfaction rating of 4.6/5.
- Boosted account creation from 6.07% to 9.90% and premium membership purchases from 3.92% to 4.20% using A/B testing (Optimizely).
- Built an accessible (WCAG 2.1 AA), themeable design system using Figma tokens and Storybook, delivered 50+ components used by multiple applications.
- Delivered responsive, accessible (WCAG AA), and performant Next.js sites for US venues.
- Designed, deployed, and maintained internal and customer-facing systems using AWS (DynamoDB, Lambda, EC2, S3), Serverless and Terraform.
- Integrated ticketing, sales, and marketing platforms via cross-functional collaboration.
- Advocated for and implemented accessibility best practices.
- Collaborated with stakeholders to align product outcomes with business goals.
- Tech: React.js, Redux TypeScript, Node.js, Next.js, Storybook, Optimizely, Jest, React Testing Library, Cypress, AWS, Terraform, Serverless, Umbraco CMS, New Relic, DynamoDB, Lambda, EC2, S3, Git.

### Saville Assessment - Software Engineer (Full-Stack)

June 2018 – August 2021

- Delivered an innovative, mobile-first aptitude test with a strong emphasis on accessibility.
- Collaborated with designers to create and deploy a new website using WordPress.
- Developed and optimized psychometric testing platforms, ensuring high performance and reliability within a microservices architecture.
- Assisted in transitioning from legacy systems to modern web technologies, enhancing user experience and implementing new features.
- Supported quality assurance by maintaining automated test suites and improving test coverage through CI/CD practices.
- Tech: React.js, TypeScript, C#, .NET, SQL Server, Cypress, React Testing Library, Jest, Wordpress, Git

## Education

### BSc Computer Science (Upper Second-Class Honours (2:1)) - The University Of Sheffield, 2018

## Skills

**Frontend Development** - React.js, Next.js, TypeScript, Redux, Emotion, Material UI, Webpack, Vite, Storybook, Figma

**Backend Development** - [Node.js](https://nodejs.org), GraphQL, REST APIs, API design, C#, .NET, SQL Server

**Testing & Quality Assurance** - Jest, React Testing Library, Playwright

**DevOps & Cloud Infrastructure** - AWS (DynamoDB, Lambda, EC2, S3), Terraform, GitHub, CI/CD, Azure

**Processes & Methodologies** - Agile Methodologies, Jira